NAME OF WORK: Imropevements to road, drain and other works in Khatha Nagar in Ward No 16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No 16

A) Premeasurements

Item No	Discription of Item	Side	No	Length	Breadth	Qty	Unit	Remarks
9	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.							
	Flagging Coures							
	Charch Road	B/s	2	30.00	0.40	24.00		
		B/s	2	30.00	0.40	24.00		
		B/s	2	30.00	0.40	24.00		
		B/s	2	30.00	0.40	24.00		
		B/s	2	30.00	0.40	24.00		
		B/s	2	30.00	0.40	24.00		
		B/s	2	13.00	0.40	10.40		
		B/s	2	5.60	0.40	4.48		
					Pressent bill Qty	158.88	Sqm	

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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NAME OF WORK: Imropevements to road, drain and other works in Khatha Nagar in Ward No 16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No 16

A) Premeasurements

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit	Remarks
10	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.								
	Coping								
	Charch Road	B/s	2	30.00	0.20	0.05	0.60		
		B/s	2	30.00	0.20	0.05	0.60		
		B/s	2	30.00	0.20	0.05	0.60		
		B/s	2	30.00	0.20	0.05	0.60		
		B/s	2	30.00	0.20	0.05	0.60		
		B/s	2	30.00	0.20	0.05	0.60		
		B/s	2	13.00	0.20	0.05	0.26		
		B/s	2	5.60	0.20	0.05	0.11		
					Pressent bill Qty		3.97	Cum	

29/1/18

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

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ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
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29/1/18

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NAME OF WORK: Imropevements to road, drain and other works in Khatha Nagar in Ward No 16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No 16

A) Premeasurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Remarks
11	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge. Data						Sqm	
	For Top Covering Slab							
	Govt School Road	1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	22.00	0.90		19.80		
	For Exsiting Drain	1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	20.00	0.90		18.00		
		1	30.00	0.90		27.00		
		1	7.20	0.90		6.48		
		1	19.00	0.90		17.10		
		1	18.00	0.90		16.20		
		1	12.00	0.90		10.80		
	From Bethel Charch to Dead End	1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	20.00	0.90		18.00		
					Pressent bill Qty	484.38	Sqm	

24/2/18

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27/02/18

CIVIL CONSULTANTS & ENGINEERS Bangalore

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NAME OF WORK: Imropevements to road, drain and other works in Khatha Nagar in Ward No 16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No 16

A) Premeasurements

Item No	Discription of Item	No	Length	Breadth	Qty	Unit	Remarks
12	Providing and fixing RCC pre cast covering slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and dwon size with stel reinforcement including from work lift charges curing and concrete finished surface on both side etc., comlete and asper drawing and the direction of Engineering incharge(Data Rate)					Sqm	
	For Culverts at Charch Road						
		1	6.00	1.50	9.00		
		1	5.80	1.50	8.70		
		1	6.20	1.50	9.30		
				Pressent bill Qty	**27.00**		

27/2/18

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ME OF WORK: Imropevements to road, drain and other works in Khatha Nagar in Ward No 16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No 16

emeasurements

Discription of Item	No	Length	Breadth	Avg Breadth	Depth	Avg Depth	Qty	Unit	Remarks
Excavation in Soil using Hydraulic Excavator CK 90 and Tippers with Disposal KSRRB M300 14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment lo								Cum	
Shidartha Nagara Temple Road	1	30.00	8.20	4.50	6.35	0.25	0.25	0.25	47.63		
	1	30.00	4.50	3.50	4.00	0.25	0.25	0.25	30.00		
	1	30.00	3.50	3.30	3.40	0.25	0.25	0.25	25.50		
	1	30.00	3.30	4.00	3.65	0.25	0.25	0.25	27.38		
	1	5.00	4.00	4.10	4.05	0.25	0.25	0.25	5.06		
Near Temple	1	30.00	3.40	3.60	3.50	0.25	0.25	0.25	26.25		
	1	9.00	3.60	3.50	3.55	0.25	0.25	0.25	7.99		
	1	10.00	9.00	9.00	9.00	0.25	0.25	0.25	22.50		
	1	30.00	2.10	2.00	2.05	0.25	0.25	0.25	15.38		
	1	12.00	2.00	2.20	2.10	0.25	0.25	0.25	6.30		
	1	18.00	2.00	2.50	2.25	0.25	0.25	0.25	10.13		
	1	25.00	2.00	2.10	2.05	0.25	0.25	0.25	12.81		
	1	16.00	1.50	1.60	1.55	0.25	0.25	0.25	6.20		
	1	30.00	4.00	3.50	3.75	0.25	0.25	0.25	28.13		
	1	30.00	3.50	3.60	3.55	0.25	0.25	0.25	26.63		
	1	30.00	3.60	4.00	3.80	0.25	0.25	0.25	28.50		
	1	30.00	4.00	4.10	4.05	0.25	0.25	0.25	30.38		
	1	30.00	0.80	1.90	1.35	0.25	0.25	0.25	10.13		
	1	28.00	1.90	1.90	1.90	0.25	0.25	0.25	13.30		
	1	14.00	1.80	1.70	1.75	0.25	0.25	0.25	6.13		
	1	22.00	2.00	2.10	2.05	0.25	0.25	0.25	11.28		
	1	15.00	1.50	1.60	1.55	0.25	0.25	0.25	5.81		
Cross Road 1	1	22.00	2.00	2.00	2.00	0.25	0.25	0.25	11.00		
Cross Road 2	1	17.00	3.00	3.00	3.00	0.25	0.25	0.25	12.75		
Cross Road 3	1	14.50	1.80	1.80	1.80	0.25	0.25	0.25	6.53		
Cross Road 4	1	11.50	1.80	1.80	1.80	0.25	0.25	0.25	5.18		
Cross Road 5	1	7.50	1.50	1.50	1.50	0.25	0.25	0.25	2.81		
Cross Road 6	1	17.00	1.20	1.20	1.20	0.25	0.25	0.25	5.10		
From Temple Road	1	23.00	2.00	2.00	2.00	0.25	0.25	0.25	11.50		
	1	9.00	1.80	1.80	1.80	0.25	0.25	0.25	4.05		

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Discription of Item	No	Length	Breadth		Avg Breadth	Depth		Avg Depth	Qty	Unit	Remarks
	1	30.00	2.50	1.90	2.20	0.25	0.25	0.25	16.50		
Corss Road 3	1	30.00	2.60	2.50	2.55	0.25	0.25	0.25	19.13		
	1	30.00	2.50	1.90	2.20	0.25	0.25	0.25	16.50		
Corss Road 3	1	30.00	2.60	2.50	2.55	0.25	0.25	0.25	19.13		
	1	14.00	2.50	2.00	2.25	0.25	0.25	0.25	7.88		
								Pressent bill Qty	1201.00	Cum	

1/1/18

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ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
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AME OF WORK: Imropevements to road, drain and other works in Khatha Nagar in Ward No 16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No 16

Premeasurements

n	Discription of Item	No	Length	Breadth	Avg Breadth	Depth	Qty	Unit	Remarks
	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.								
	Shidartha Nagara Temple Road	1	30.00	8.20	4.50	6.35	0.125	23.81	
		1	30.00	4.50	3.50	4.00	0.125	15.00	
		1	30.00	3.50	3.30	3.40	0.125	12.75	
		1	30.00	3.30	4.00	3.65	0.125	13.69	
		1	5.00	4.00	4.10	4.05	0.125	2.53	
	Near Temple	1	30.00	3.40	3.60	3.50	0.125	13.13	
		1	9.00	3.60	3.50	3.55	0.125	3.99	
		1	10.00	9.00	9.00	9.00	0.125	11.25	
		1	30.00	2.10	2.00	2.05	0.125	7.69	
		1	12.00	2.00	2.20	2.10	0.125	3.15	
		1	18.00	2.00	2.50	2.25	0.125	5.06	
		1	25.00	2.00	2.10	2.05	0.125	6.41	
		1	16.00	1.50	1.60	1.55	0.125	3.10	
		1	30.00	4.00	3.50	3.75	0.125	14.06	
		1	30.00	3.50	3.60	3.55	0.125	13.31	
		1	30.00	3.60	4.00	3.80	0.125	14.25	
		1	30.00	4.00	4.10	4.05	0.125	15.19	
		1	30.00	0.80	1.90	1.35	0.125	5.06	
		1	28.00	1.90	1.90	1.90	0.125	6.65	
		1	14.00	1.80	1.70	1.75	0.125	3.06	
		1	22.00	2.00	2.10	2.05	0.125	5.64	
		1	15.00	1.50	1.60	1.55	0.125	2.91	
	Cross Road 1	1	22.00	2.00	2.00	2.00	0.125	5.50	
	Cross Road 2	1	17.00	3.00	3.00	3.00	0.125	6.38	
	Cross Road 3	1	14.50	1.80	1.80	1.80	0.125	3.26	
	Cross Road 4	1	11.50	1.80	1.80	1.80	0.125	2.59	
	Cross Road 5	1	7.50	1.50	1.50	1.50	0.125	1.41	

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Discription of Item	No	Length	Breadth		Avg Breadth	Depth	Qty	Unit	Remarks
	1	17.10	4.60	3.60	4.10	0.125	8.76		
Corss Road 1	1	30.00	2.00	2.10	2.05	0.100	6.15		
	1	17.00	2.10	2.20	2.15	0.100	3.66		
Corss Road 2	1	30.00	2.60	2.50	2.55	0.100	7.65		
	1	30.00	2.50	1.90	2.20	0.100	6.60		
Corss Road 3	1	30.00	2.60	2.50	2.55	0.100	7.65		
	1	30.00	2.50	1.90	2.20	0.100	6.60		
Corss Road 3	1	30.00	2.60	2.50	2.55	0.100	7.65		
	1	14.00	2.50	2.00	2.25	0.100	3.15		
						Pressent bill Qty	588.23	Cum	

5/2/18

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NAME OF WORK: Imropevements to road, drain and other works in Khatha Nagar in Ward No and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No 16

Premeasurements

Discription of Item	No	Length	Breadth	Avg Breadth	Depth	Avg Depth	Qty	Unit	Remarks
Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M20 (at 300Kg per cum coarse aggregate @ 0.64cum and fine aggregate @ 0.43cum)								Cum	
Shidartha Nagara Temple Road	1	30.00	8.20	4.50	6.35	0.175	0.175	0.175	33.34		
	1	30.00	4.50	3.50	4.00	0.175	0.175	0.175	21.00		
	1	30.00	3.50	3.30	3.40	0.175	0.175	0.175	17.85		
	1	30.00	3.30	4.00	3.65	0.175	0.175	0.175	19.16		
	1	5.00	4.00	4.10	4.05	0.175	0.175	0.175	3.54		
Near Temple	1	30.00	3.40	3.60	3.50	0.175	0.175	0.175	18.38		
	1	9.00	3.60	3.50	3.55	0.175	0.175	0.175	5.59		
	1	10.00	9.00	9.00	9.00	0.175	0.175	0.175	15.75		
	1	30.00	2.10	2.00	2.05	0.175	0.175	0.175	10.76		
	1	12.00	2.00	2.20	2.10	0.175	0.175	0.175	4.41		
	1	18.00	2.00	2.50	2.25	0.175	0.175	0.175	7.09		
	1	25.00	2.00	2.10	2.05	0.175	0.175	0.175	8.97		
	1	16.00	1.50	1.60	1.55	0.175	0.175	0.175	4.34		
	1	30.00	4.00	3.50	3.75	0.175	0.175	0.175	19.69		
	1	30.00	3.50	3.60	3.55	0.175	0.175	0.175	18.64		
	1	30.00	3.60	4.00	3.80	0.175	0.175	0.175	19.95		
	1	30.00	4.00	4.10	4.05	0.175	0.175	0.175	21.26		
	1	30.00	0.80	1.90	1.35	0.175	0.175	0.175	7.09		
	1	28.00	1.90	1.90	1.90	0.175	0.175	0.175	9.31		
	1	14.00	1.80	1.70	1.75	0.175	0.175	0.175	4.29		
	1	22.00	2.00	2.10	2.05	0.175	0.175	0.175	7.89		
	1	15.00	1.50	1.60	1.55	0.175	0.175	0.175	4.07		
Cross Road 1	1	22.00	2.00	2.00	2.00	0.175	0.175	0.175	7.70		
Cross Road 2	1	17.00	3.00	3.00	3.00	0.175	0.175	0.175	8.93		
Cross Road 3	1	14.50	1.80	1.80	1.80	0.175	0.175	0.175	4.57		

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Discription of Item	No	Length	Breadth		Avg Breadth	Depth		Avg Depth	Qty	Unit	Remarks
Cross Road 2	1	30.00	2.60	2.50	2.55	0.150	0.150	0.150	11.48		
	1	30.00	2.50	1.90	2.20	0.150	0.150	0.150	9.90		
Cross Road 3	1	30.00	2.60	2.50	2.55	0.150	0.150	0.150	11.48		
	1	30.00	2.50	1.90	2.20	0.150	0.150	0.150	9.90		
Cross Road 3	1	30.00	2.60	2.50	2.55	0.150	0.150	0.150	11.48		
	1	14.00	2.50	2.00	2.25	0.150	0.150	0.150	4.73		
								Pressent bill Qty	735.70	Cum	

14/3/18

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14/03/18

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